PTO/SB/05 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY	
PATENT APPLICATION	Į
TRANSMITTAL	

Attorney Docket No. 331,1049 First Inventor WEISS et al. SEALING RING Title

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))				Express Mail Label No. EV 319058629 US					
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.				ADDI	ADDRESS TO: Commissioner for Patents Mail Stop Patent Application P.O. Box 1450				
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 6 ] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings ( if filed) - Detailed Description - Claim(s)				8. Nuc (if a) a b. Sp i. ii.	Alexandria VA 22313-1450  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS				
				9. [] 10. []	9. Assignment Papers (cover sheet & document(s))				
- Abstract of the Disclosure  4. Drawing(s) (35 U.S.C.113) [Total Sheets 2 ]				11. 🗌	12.  Information Disclosure				
5. Oath or Declaration [Total Pages 1]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d))  (for a continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  named in the prior application, see 37 CFR			13. ☐ 14. ⊠	14.  ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)					
1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76				17. 🖾 0	or its equivalent.  17. Other: Letter.re: Priority.				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) Of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
	·.		19 CORRESPO	NDENCE AL	DRESS				
□ Customer Number or Bar Code Label     □ Customer Number Or Bar Code Label					or ⊠ C	orrespondence address below			
Name	Davidson, Davidson & Kappel, LLC William C. Gehris								
Address	485 Seventh Avenue  14 <sup>th</sup> Floor								
City	New York		State	NY	T	Zip Code	10018		
Country	USA		Telephone	(212) 736-	1940	Fax	(212) 736-2427		
Name (Print/Type) William C. Gehris			Registration No. (Attorney/Agent) 38,156						
Signature			inti	a.	Date September 11, 2003				

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form analor suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Examiner Name** 

Group / Art Unit

Attorney Docket No.

To be assigned

To be assigned

Complete (if applicable)

(212) 736-1940

September 11, 2003

Telephone

Date

331.1049

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. C mplete if Known FEE TRANSMITTAL To be assigned Application Number for FY 2003 Filing Date Herewith Effective 01/01/2003. Patent fees are subject to annual revision. First Named Inventor WEISS et al.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Name (Print/Type)

Signature

William C. Gehris

Check						<u> </u>	
Deposit Account   Deposit Account   Deposit Account   Substitution   Substituti	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Deposit Account   Deposit Account   Deposit Account   So-0552   Substance   Substantial Entity   Substantial Ent	Check Credit card Money Other None	3. ADDITIONAL FEES					
Deposit   Account   Sp-0552   Devided   Sp-0552   Devided   Sp-0552   Devided   Sp-0552   Devided   Dev	Order						
	Deposit Account:	Fee	Fee	Fee	Fee	For Description	
Number						· ·	Fee Paid
Davidson Davidson & Kappel, LLC   1053   130   1303				1			
Account Name		1052	50	2052	25		1
The Commissioner is authorized to: (check all that apply)   Charge fee(s) indicated below   Credit any overpayments   1804   920*   1804   1	Account Davidson Davidson & Kappel, LLC	1053	130	1053	130		
Charge fee(s) indicated below   Credit any overpayments   1805   1,840   1,440				1			<b>  </b>
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   1805   1,840   1805	The Commissioner is authorized to: (check all that apply)	1812	2,520	1812	2,520		
Charge fee(s) Indicated below, except for the filling fee to the above-identified deposit account.		1804	920*	1804	920*		
Examiner action   Section   Sectio	Charge any additional fee(s) during the pendency of this application						
1. BASIC FILING FEE   Large Entity   Small Entity	Charge fee(s) indicated below, except for the filing fee	1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	
1. BASIC FILING FEE   Large Entity   Small Entity		1251	110	2251	55	Extension for reply within first month	
Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Fee   Gode   (5)   Fee		1252	410	2252	205	Extension for reply within second month	
Fee   Fee   Fee   Gode   (\$)   Fee   Fee   Code   (\$)   Fee   Paid   Fee   Code   (\$)   Code   Code   (\$)   Code		1253	930	2253	465	Extension for reply within third month	
Code   (\$)		1254	1,450	2254	725	Extension for reply within fourth month	
1001   750   2001   375   2011   375   202	Code (6) Code (6)	1255	1,970	2255	985	Extension for reply within fifth month	
1402   320   2402   165   Design filing fee   1403   280   2403   140   Request for oral hearing   1403   1403   1405   14	Falu	1401	320	2401	160	Notice of Appeal	
1403   520   2003   260   Plant filting fee   1403   280   2403   140   Request for oral hearing   Petition to institute a public use proceeding   1452   11,510   2451   1,510   2451   1,510   2451   1,510   2451   1,510   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   110   2452   55   Petition to revive – unintentional   1452   110   2452	100	1402	320	2402	160	Filing a brief in support of an appeal	
1004   750   2004   375   Reissue filing fee   1451   1,510   24		1403 280 2403 140 Peguest for oral bearing		Request for oral hearing			
SUBTOTAL (1) (\$)750  2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from Fee below Pald Independent (3 of See Utility Issue fee)  Claims 3 -3 0 0 X 84 = 0 1807 50 1807 50 Processing fee under 37 CFR 1.17 (q) Claims Multiple Dependent  Multiple Dependent  Large Entity Small Entity  Fee Fee Code (\$) Fee Description  Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims in excess of 3 1203 280 2203 140 Multiple dependent claims in excess of 20 1204 84 2204 42 Reissue independent claims over original patent  SUBTOTAL (1) (\$) 0  Total Claims 6 -20 0 x 18 2205 9 Reissue fee (5) Fee Description (5) 0 x 1806 180 1807 50 Petition to revive – uninvoldable 1500 1450 1300 2501 650 Utility issue fee 1503 630 2503 315 Plant issue fee 1503 630 2503	1004 750 2004 375 Reissue filing fee	1451	1,510	2451	1,510		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE    Extra   Fee from   Fee   below   Paid   1501   1300   2501   650   Utility issue fee   (or reissue)	1005 160 2005 80 Provisional filling fee	1452	110	2452	55	Petition to revive – unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from Fee below Pald  Total Claims 6 -20 = 0 X 18 = 0 1503 630 2503 315 Plant issue fee  Total Claims 13 -3 = 0 X 84 = 0 1807 50 1807 50 Processing fee under 37 CFR 1.17 (q)  Recording each patent assignment per property (times number of properties)  Extra Fee from Fee below Pald  1807 50 1807 50 Processing fee under 37 CFR 1.17 (q)  1806 180 8021 40 8021 40 Recording each patent assignment per property (times number of properties)  1809 750 2810 375 Filing a submission after final rejection (37 CFR § 1.129(a))  1801 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1802 900 1802 900 Request for continued Examination (RCE)  1803 280 2203 140 Multiple dependent claims in excess of 20 and over original patent  1804 84 2204 42 "Reissue dalms in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  "Reduced by Basic Filing Fee Paid  SUBTOTAL (3) (\$) 0	SUBTOTAL (1) (\$) 750	1453	1,300	2453		•	
Extra   Fee from   Fee   Paid   1503   630   2503   315   Plant issue fee		1501	1,300	2501	650	Utility issue fee (or reissue)	
Total Claims 6 -20 ** = 0 X 18 = 0 1503 630 2503 315 Plant issue fee  Independent Claims 3 -3 ** = 0 X 84 = 0 1807 50 1807 50 Processing fee under 37 CFR 1.17 (q) 1806 180 1806 180 Submission of Information Disclosure Stmt Multiple Dependent  Large Entity Small Entity  Fee Fee Fee Fee Fee Fee Fee Pee Fee Fee		1502	470	2502	235	Design issue fee	
Total Claims 6 -20 ** = 0		1503	630	2503	315	Plant issue fee	
Claims 3 -3 -3 - 0 X 84 = 0 1806 180 Submission of Information Disclosure Stmt  Multiple Dependent  Large Entity Small Entity  Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) Independent claims in excess of 20 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 Reissue independent claims over original patent  SUBTOTAL (2) (\$) 0  X 84 = 0 1806 180 Submission of Information Disclosure Stmt 8021 40 Recording each patent assignment per property (times number of properties)  1809 750 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1801 750 2801 375 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent  Large Entity Small Entity Fee Fee Code (\$) 1806 180 1806 180 Submission of Information Disclosure Stmt  1809 750 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1801 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1801 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1801 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1802 900 1802 900 Request for Continued Examination (RCE)  1803 1804 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties)  1809 750 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1801 750 2801 375 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Large Entity  Fee Fee Fee Fee Code (\$)  Code (\$)  1202 18 2202 9 Claims in excess of 20 1203 280 2203 140 Multiple dependent claims, if not paid  1204 84 2204 42 "Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  **Previously paid, if greater; For Reissues, see above  1802 40 8021 40 8021 40 property (times number of properties)  1809 750 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1801 750 2801 375 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Claims 3 -3 = 0 X 84 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	· ·
Fee Fee Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 "Reissue independent claims over original patent  1809 750 2809 375 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 750 2810 375 For each additional invention to be examined (37 CFR § 1.129(b))  1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  **Or number previously paid, if greater; For Reissues, see above		8021	40	8021	40		
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims over original patent  1204 84 2204 42 **Reissue independent claims over original patent  1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Fee Fee Fee Fee Description	1809	750	2809	375	Filing a submission after final rejection (37	
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims, if not paid 1204 84 2204 42 "Reissue independent claims over original patent over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Code (\$) Code (\$)	1810	750	2810	375	• ' ''	<del></del>
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		{					
1204 84 2204 42 **Reissue independent claims over original patent  1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0  COUNTY FOR DAY			1				
SUBTOTAL (2) (\$) 0 **or number previously paid, if greater; For Reissues, see above  CHARLESTOR DOWN	1204 84 2204 42 ** Reissue independent claims over	1802	1802 900 1802 900 Request for expedited examination of a				
**or number previously paid, if greater; For Reissues, see above (\$) 0		Other fo	ee (spe	cify)	_		
**or number previously paid, if greater; For Reissues, see above (\$) 0	SUBTOTAL (2) (\$)0			<u>-</u> .			
GURMATTER DAY		-Redu	cea by E	sasic Fi	iing Fee	SUBTOTAL (3) (\$) 0	
	SUBMITTED BY	<u>==</u>	==		==		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

38,156

Registration No. Attorney/Agent)

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to This collection of Information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to the Carb by the OSFTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA

## Certificate of Mailing By Express Mailing under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to:

> Mail Stop: PATENT APPLICATION Commissioner for Patents P.O. Box 1450; Alexandria, VA 22313-1450

on September 11, 2003.

Date

Randolph Mcqueen

Typed or printed name of person signing Certificate

EV 319058629 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing by Express Mail, or this certificate must identify each submitted paper.

Re.:

Docket No.: 331.1049

Applicant(s): WEISS et al. Serial No.: To be assigned Invention: SEALING RING Filing Date: Herewith

- Utility Application Transmittal (1 page);
- Fee Transmittal (1 page);
- Specification with Claims and Abstract (6 pages);
- Two (2) Sheets of Drawings;
- Unexecuted Declaration and PoA (1 page);
- Application Data Sheet (2 pages);
- Letter re: Priority (1 page);
- Return Receipt Postcard;
- Check for \$750.00;